

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
Revision Effective Date: July 11, 2014

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT

PROJECT		PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)			FFY2016 (Oct 1, '15 - Sep 30, '16)			FFY2017 (Oct 1, '16 - Sep 30, '17)			FFY2018 (Oct 1, '17 - Sep 30, '18)			FFY2019 (Oct 1, '18 - Sep 30, '19)			FFY2020 (Oct 1, '19 - Sep 30, '20)			FUND CATEGORY & REMARKS	
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
STATEWIDE - FHWA																						
S1. Enhance	Bikeway Improvements at Various Locations, Statewide		DES						300	240	60				300	240	60				STP FLEXIBLE	
			ROW	51	41	10						50	0	50				50	0	50		
			CON				2,000	1,600	400				500	400	100				500	400		100
Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.																						
S2. SysPres	Bridge Inspection and Appraisal		PLN	3,100	2,480	620	3,100	2,480	620	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP
	Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.																					
S3. Human	Construction Career Days Workforce Development Program		PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
	Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.																					
S4. SysPres	Highway Research and Development Program		PLN	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
	Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program.																					
S5. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program		PLN/DES	700	630	70	700	630	70	700	630	70	700	630	70	700	630	70	700	630	70	HSIP
Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.																						
S6. SysPres	Highway Shoreline Protection, Statewide		DES									200	160	40				200	160	40	STP FLEXIBLE	
			CON												2,000	0	2,000					
Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.																						
S7. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations		DES	200	160	40						200	160	40							STP FLEXIBLE	
			CON							1,000	800	200						1,000	800	200		
Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide program.																						
S8. Modern	Federal Lands Highway Access Discretionary Program		DES/CON	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETIONARY (updated name of program and estimates)
Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.																						
S9. Safety	Safe Routes to School (SRTS) Program		Pln/Des	200	200	0	200	200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL
	Non-infrastructure		Pr/Ds/Co	1,100	1,100	0	1,300	1,300	0	1,200	1,200	0	1,300	1,300	0	650	650	0				
	Infrastructure																					
Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.																						
S10. Enhance	SNIPP - Statewide Noxious Invasive Pest Program		OPR	3,151	2,521	630	3,277	2,622	655												STP FLEXIBLE	
	Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.																					
S11. Safety	Statewide Highway Lighting and Traffic Signal Upgrade Program		CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
			DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.																						
S12. SysPres	Statewide Signing, Striping and Pavement Marking Program		CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
			DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																						
S13. SysPres	Statewide Guardrail and Shoulder Improvement Program		CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
			DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																						
S14. SysPres	Structural Countermeasures for Scour Critical Bridges		CON				3,000	0	3,000				3,000	0	3,000						LOCAL	
	Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design mandated structural countermeasures for scour critical bridges through out the state.																					
S15. Modern	Technology Transfer and Technical Assistance Program		PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
	Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S16. Modern	Traffic Counting Stations, Various Locations		CON				3,700	2,960	740												STP FLEXIBLE	
	Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																					
STATEWIDE - FHWA TOTAL				39,797	8,227	31,570	48,572	12,887	35,685	38,195	6,965	31,230	40,945	6,745	34,200	38,545	5,515	33,030	37,245	5,885	31,360	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
STATEWIDE - FTA																				
S17. Rural Transportation Assistance Program (RTAP)	PLN	102	102	0	105	105	0													FTA SECTION 5311 (b)(3)
Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.																				
S18. State Administration	PLN	258	258	0	265	265	0													FTA SECTION 5311
Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
S19. Transportation Assistance for Elderly and Disabled	EQP	275	220	55	288	230	58													FTA SECTION 5310
Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.																				
S20. JARC (non-urban)	EQP/OPR	280	140	140																FTA SECTION 5316 (JARC)
Estimated Total Project Cost - \$898,000 - Job Access and Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S21. New Freedom (non-urban)	EQP/OPR	160	80	80																FTA SECTION 5317 (New Freedom)
Estimated Total Project Cost - \$536,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S22. Statewide Planning	PLN	147	117	30	152	121	31													FTA SECTION 5304
Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																				
STATEWIDE - FTA TOTAL		1,222	917	305	810	721	89	0	0	0	0	0	0	0	0	0	0	0	0	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
FUNDING CATEGORY SUMMARY - STATEWIDE																				
NHPP (National Highway Performance Program)			2,480			2,480			2,800			2,800			2,800			2,800		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			3,552			8,012			1,870			1,550			1,070			2,190		
SECTION 1404 - (Safe Routes to School)			1,300			1,500			1,400			1,500			750			0		
HSIP (Highway Safety Improvement Program)			630			630			630			630			630			630		
NATIONAL RECREATIONAL TRAILS			0			0			0			0			0			0		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			265			265			265			265			265			265		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
TIGER			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
IMD (NHPP Discretionary)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			8,227			12,887			6,965			6,745			5,515			5,885		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(265)			(265)			(265)			(265)			(265)			(265)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	7,962			12,622			6,700			6,480			5,250			5,620		

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OAHU : STATE - FHWA																				
OS1. Bridge and Pavement Improvement Program, Oahu	CON	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	LOCAL
Estimated Total Project Cost - \$237,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																				
OS2. Farrington Highway (Route 93), Bridge Rehabilitation	ROW							585	468	117										NHPP
Uehawa Stream Bridge	CON													8,405	6,724	1,681				
Estimated Total Project Cost - \$10,500,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																				
OS3. Farrington Highway (Route 93), Bridge Replacement	CON	13,500	4,800	8,700																NHPP
Maipalaoa Bridge	ADVCON				0	6,000	(6,000)													
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																				
OS4. Farrington Highway (Route 93), Bridge Replacement	ROW	1,100	880	220																NHPP
Makaha Bridges #3 & #3A	CON	16,550	10,240	6,310																
	ADVCON				0	3,000	(3,000)													
Estimated Total Project Cost - \$20,200,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																				
OS5. Freeway Management System,																				NHPP
Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),																				
Phase 1C - Part 2	ADVCON	0	5,000	(5,000)																
Phase 2A - Part 1	CON	5,000	4,000	1,000																
Phase 2B	DES	1,980	1,584	396																
	CON							10,000	4,000	6,000	0	4,000	(4,000)							
	ADVCON																			
Phase 3	DES	2,000	1,600	400																
	CON																			
	ADVCON													10,000	4,000	6,000	0	4,000	(4,000)	
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases. The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.																				
OS9. Freeway Service Patrol	CON	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHPP
Estimated Total Project Cost - \$21,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.																				
OS10. Guardrail and Shoulder Improvements, Various Locations																				HSIP
Phase 1	CON	2,185	1,748	437																
Phase 2	DES	250	200	50																
	CON							3,060	2,448	612										
Phase 3	DES										250	200	50							
	CON																3,000	2,400	600	
Estimated Total Project Cost - \$6,600,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.																				
OS11. ITS Operation and Maintenance	OPR	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	285	255	30	NHPP
Estimated Total Project Cost - \$1,700,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.																				
OS12. Interstate Routes H-1, H-2, and H-201 Destination Sign																				NHPP
Upgrade/Replacement,																				
Phase II	CON				2,704	2,434	270													
Phase III	DES				554	499	55													
	CON													6,000	5,400	600				
Estimated Total Project Cost - \$12,700,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.																				
OS13. Interstate Route H-1, Bridge Rehabilitation,	CON				5,400	320	5,080													NHPP
Kapalama Canal (Halona Street Bridge)	ADVCON							0	4,000	(4,000)										
Estimated Total Project Cost - \$6,200,000 -- Rehabilitate existing bridge.																				
OS14. Interstate Route H-1, Guardrail and Shoulder Improvements,	CON				6,370	1,233	5,137													NHPP
Kapiolani Interchange to Aiea Avenue	ADVCON							0	4,500	(4,500)										
Estimated Total Project Cost - \$7,000,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																				

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OS15. Safety	Interstate Route H-1, Guardrail and Shoulder Improvements, Middle Street (Route 7415) to Punchbowl Street (Route 7516)	CON				5,520	4,416	1,104													NHPP
		<i>Estimated Total Project Cost - \$5,900,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.</i>																			
OS16. SysPres	Interstate Route H-1, Highway Lighting Improvements, Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	CON				7,140	712	6,428													NHPP
		ADVCON							0	5,000	(5,000)										
		<i>Estimated Total Project Cost - \$15,000,000 -- Upgrade/replace existing freeway lighting. Phase 1 will cover improvements from Kaimakani Overpass to Approx. the Airport IC (MP 16.00). A future Phase 2 will cover improvements for the remainder of the limits from approx. the Airport IC (MP 16.00) to Middle Street.</i>																			
OS17. Modern	Interstate Route H-1, Kapolei Interchange Complex Phase 2	CON	4,800	4,300	500																INTERSTATE DISCRETIONARY
		CON	52,200	21,980	30,220																NHPP
		ADVCON				0	13,000	(13,000)	0	12,000	(12,000)										NHPP
		DES				571	457	114													NHPP
		ROW										238	190	48							NHPP
<i>Estimated Total Project Cost - \$90,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palalailai and Makakilo Interchanges.</i>																					
OS18. SysPres	Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2	CON										24,673	14,206	10,467							NHPP
		ADVCON																8,000	(8,000)		
		<i>Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.</i>																			
OS19. Modern	Interstate Route H-1, PM Contraflow, Westbound Waiawa IC Improvements (four WB through lanes), Phase I	CON														19,000	17,100	1,900			NHPP
		<i>Estimated Total Project Cost - \$167,000,000 -- This is part of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waialeale.</i>																			
OS20. Safety	Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palalailai IC) to Waiawa Overpass	CON				4,000	3,600	400													HSIP
		<i>Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.</i>																			
OS21. Modern	Interstate Route H-1, Waiawa Interchange, Westbound, Waipahu Off-Ramp Improvements	DES										3,642	2,913	729							NHPP
		<i>Estimated Total Project Cost - \$23,600,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.</i>																			
OS22. SysPres	Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3	DES				1,080	864	216													NHPP
		CON										6,240	4,992	1,248							
		<i>Estimated Total Project Cost - \$7,320,000 -- Retrofit interchange structures to meet current seismic standards.</i>																			
OS23. Enhance	Kalaniana'ole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Kainoa Beach Park	CON				250	200	50													EARMARK-HIGH PRIORITY STP ENHANCEMENT
		CON				2,500	2,000	500													
		<i>Estimated total project cost - \$3,200,000 -- Improve bike route on Kalaniana'ole Highway, from Waimanalo Beach Park To Kainoa Beach Park.</i>																			
OS24. SysPres	Kalaniana'ole Highway (Route 72), Bridge Replacement Inoale Stream Bridge, Waimanalo	CON				9,550	1,140	8,410													NHPP
		ADVCON							0	6,500	(6,500)										
		<i>Estimated Total Project Cost - \$11,500,000 -- Replace the existing bridge.</i>																			
OS25. Safety	Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	ADVCON	0	4,500	(4,500)																NHPP
		<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																			
OS26. Safety	Kalaniana'ole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloloi Street	DES	918	734	184																NHPP
		CON														13,300	10,640	2,660			
		<i>Estimated Total Project Cost - \$45,000,000 -- Construct traffic operational and safety improvements on Kalaniana'ole Highway, from Poalima Street to Aloloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.</i>																			
OS27. SysPres	Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	ROW	275	220	55																NHPP
		CON							6,000	800	5,200										
		ADVCON										0	4,000	(4,000)							
<i>Estimated Total Project Cost - \$7,400,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.</i>																					
OS28. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON				16,580	3,264	13,316													NHPP
		ADVCON							0	10,000	(10,000)										
		<i>Estimated Total Project Cost - \$21,600,000 -- Replace the existing bridge.</i>																			
OS29. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kaluani Stream Bridge	ROW	612	490	122																NHPP
		CON										9,200	2,360	6,840							
		ADVCON														0	5,000	(5,000)			
<i>Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.</i>																					

Revision Effective Date: July 11, 2014

TURQUOISE = TRANSIT

PROJECT		FFY2015 (Oct 1, 14 - Sep 30, 16)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS30. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge	CON			9,735	7,788	1,947												NHPP	
	Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.																			
OS31. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Laleloa Stream Bridge	CON			9,183	846	8,337												NHPP	
	ADVCON							0	6,500	(6,500)										
	Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.																			
OS32. SysPres	Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge	ROW	984	787	197														NHPP	
	CON							26,000	1,800	24,200										
	ADVCON										0	19,000	(19,000)							
Estimated Total Project Cost - \$28,300,000 -- Replace the existing bridge.																				
OS33. SysPres	Kamehameha Highway (Route 99), Bridge Replacement Upper Poamoho Stream Bridge	PREROW	104	82	22														NHPP	
	ROW				1,148	918	230												EARMARK-HIGH PRIORITY	
	CON										18,000	5,400	12,600						NHPP	
	ADVCON													0	9,000	(9,000)				
	Estimated Total Project Cost - \$22,100,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.																			
OS34. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waiahole Bridge	PREROW			110	88	22												NHPP	
	ROW							562	450	112										
	CON										11,708	4,366	7,342							
	ADVCON													0	5,000	(5,000)				
Estimated Total Project Cost - \$13,300,000 - replace the existing bridge																				
OS35. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waikane Stream Bridge	CON												8,925	2,140	6,785			MHPP	
	ADVCON																0	5,000	(5,000)	
Estimated Total Project Cost - \$10,200,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.																				
OS36. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waipilopilo Stream Bridge	CON			8,900	7,120	1,780												NHPP	
	Estimated Total Project Cost - \$10,300,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.																			
OS37. Safety	Kamehameha Highway (Route 83), Rockfall Protection at Waimea Bay, MP 5.4 to MP 5.52	ROW	470	376	94														NHPP	
	Phase 1: Haleiwa	CON									10,080	8,064	2,016							
	Phase 2: Sunset Beach	CON															8,000	6,400	1,600	
	Estimated Total Project Cost - \$19,800,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																			
OS51 Safety	Kamehameha Highway (Route 83), Safety Improvements Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON	1,600	1,280	320														HSIP	
	Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																			
OS38. Safety	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Hauula (#14)	CON															5,700	4,560	1,140	
	Estimated Total Project Cost - \$6,600,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.																			
OS39. Safety	Kamehameha Highway (Route 83), Shoreline Protection, Vicinity of Kaaawa (#10)	CON				10,200	8,160	2,040											NHPP	
	Estimated Total Project Cost - \$11,400,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.																			
OS40. Safety	Kamehameha Highway (Route 83) Shoreline Protection, Vicinity of Punaluu (#9)	CON									7,350	880	6,470						NHPP	
	ADVCON													0	5,000	(5,000)				
Estimated Total Project Cost - \$7,900,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.																				
OS41. Enhance	Kamehameha Highway (Route 83) Wetland Enhancement, Vicinity of Ukoa Pond	CON									6,500	1,200	5,300						NHPP	
	ADVCON													0	4,000	(4,000)				
Estimated Total Project Cost - \$7,700,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.																				
OS42. Modern	Kualakai Parkway (Route 8930) Extension	CON							17,700	4,160	13,540								STP FLEXIBLE	
	ADVCON												10,000	(10,000)						
Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T** CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
Revision Effective Date: July 11, 2014

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PROJECT		PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OS43. Enhance	Leeward Bikeway, Phase II, Hawaiian Railway Society Train Station to Lualualei Naval Road	PREROW				106	84	22													STP ENHANCEMENT
		ROW										3,000	2,400	600							
		CON															3,900	3,120	780		
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaiian Railway Society Train Station to Lualualei Naval Road.																					
OS44. Safety	Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	CON				6,120	896	5,224													NHPP
		ADVCON							0	4,000	(4,000)										
		Estimated Total Project Cost - \$6,720,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																			
OS45. SysPres	Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	CON	6,000	5,400	600																NHPP
		Estimated Total Project Cost - \$6,300,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).																			
OS46. SysPres	Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 0 to MP 0.73 (Halawa to H-3 Freeway Overpass)	CON				2,435	1,948	487													NHPP
		Estimated Total Project Cost - \$2,700,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).																			
OS47. SysPres	Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Interchange, Ramp "A"	CON							4,030	224	3,806										NHPP
		ADVCON										0	3,000	(3,000)							
		Estimated Total Project Cost - \$4,500,000 -- Retrofit interchange structure to meet current seismic standards.																			
OS48. SysPres	Moanalua Freeway (Route H-201) Seismic Retrofit, Puuloa Separation	CON							6,580	0	6,580										NHPP
		ADVCON										0	5,264	(5,264)							
		Estimated Total Project Cost - \$7,200,000 -- Retrofit interchange structure to meet current seismic standards.																			
OS49 Enhance	Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
		Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.																			
OS52 SysPres	Sand Island Access Road (Route 64), Truck Weigh Station Kapalama Container Terminal	DES	132	104	28																NHPP
		ROW	128	101	27																
		CON							5,000	4,000	1,000										
Estimated Total Project Cost - \$6,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.																					
OAHU : STATE - FHWA TOTAL			151,332	74,098	77,234	150,700	74,679	76,021	120,061	74,542	45,519	97,670	71,656	26,014	117,629	69,427	48,202	93,444	69,912	23,532	

DEPARTMENT OF TRANSPORTATION
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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OAHU : STATE - FTA																				
OS50. Human Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
	OPR	620	310	310	640	320	320	660	330	330	680	340	340	702	351	351	724	362	362	
Estimated Total Project Cost - \$7,156,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for either the purchase of buses or operating expenses for the program audience.																				
OAHU : STATE - FTA TOTAL		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	

DEPARTMENT OF TRANSPORTATION
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Revision Effective Date: July 11, 2014

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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, '15 - Sep 30, '16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, '16 - Sep 30, '17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, '17 - Sep 30, '18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, '18 - Sep 30, '19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, '19 - Sep 30, '20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS	
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Congest	Alapai Transportation Management Center	DES	1	0	1	1	0	1	10	0	10									STP FLEXIBLE	
		CON	22,970	10,914	12,056	23,208	10,370	12,838	25	0	25										
		EQP	1	0	1	1,700	0	1,700	200	0	200										
	Estimated Total Project Cost - \$95,102,000 -- A joint communications center to be built behind the Alapai Transit Center. The communications center will hold City, State & emergency response agencies.																				
OC2. Enhance	Bikeway Improvements Program																				
	Hamakua Drive (RTE 6010)	CON	650	520	130															STP FLEXIBLE	
		INSP	150	120	30																
	Pearl Harbor Bike Path	CON				1,700	1,360	340													
		INSP				300	240	60													
	TBD - CON 2017	DES				250	200	50													
		CON							2,350	1,840	510										
		INSP							10	0	10										
	TBD - CON 2018	ROW							1	0	1										
		PLN							100	0	100										
		DES							300	0	300										
		CON																			
		EQUIP							2,350	1,840	510										
	TBD - CON 2019	ROW							10	0	10										
		PLN							1	0	1										
		DES							100	0	100										
		CON							300	0	300										
		EQUIP												2,350	1,840	510					
	TBD - CON 2020	ROW							10	0	10										
		PLN							1	0	1										
		DES							100	0	100										
		CON							300	0	300										
		EQUIP															2,350	1,840	510		
	TBD - CON 2021	ROW							10	0	10										
		PLN							1	0	1										
		DES							100	0	100										
		CON							300	0	300										
	Estimated Total Project Cost - \$14,094,000 -- An on-going islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects, and the upgrade of existing bicycle projects.																				
OC3. SysPres	Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	900	720	180	900	720	180	1,000	800	200	1,000	800	200	STP FLEXIBLE
	Estimated Total Project Cost - \$5,600,000 -- Inventory, inspect, and appraise City bridges, including underwater inspection and scour survey.																				
OC4. Congest	Computerized Traffic Control System																				
	Phase 14 - Milliani Town	DES						350	280	70										STP FLEXIBLE	
		CON									4,000	3,200	800								
		EQUIP									1	0	1								
	Phase 15 - Wahiawa	DES									350	280	70								
		CON												4,000	3,200	800					
		EQUIP												1	0	1					
	Phase 16 - Nanakuli/Waianae	DES												350	280	70					
		CON															4,000	3,200	800		
		EQUIP															1	0	1		
	Phase 17 - TBD	DES															350	280	70		
	Estimated Total Project Cost - \$13,403,000 -- Upgrade and expand fiber optic lines, CCTV cameras, data collection, and signal control in urban and rural areas for connection to the Traffic Control Center.																				

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T** CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)			FFY2016 (Oct 1, '15 - Sep 30, '16)			FFY2017 (Oct 1, '16 - Sep 30, '17)			FFY2018 (Oct 1, '17 - Sep 30, '18)			FFY2019 (Oct 1, '18 - Sep 30, '19)			FFY2020 (Oct 1, '19 - Sep 30, '20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC5. Farrington Highway (Route 7110 & 9107) Improvements Modern	CON							20,000	8,930	11,070	20,000	6,210	13,790	20,000	4,000	16,000	20,000	4,000	16,000	STP FLEXIBLE
	Estimated Total Project Cost - \$80,000,000 -- Improve the two lanes undivided Farrington Highway between Fort Weaver Road and Kapolei Golf Course Road to implement future transportation plans and accommodate future transportation needs.																			
OC6. Kapolei Parkway (Route 8920) Extension Congest	DES	50	0	50																
	CON	1,200	960	240																
	Estimated Total Project Cost - \$23,789,000 -- Provide an extension of the existing Kapolei Parkway from Kamokila Blvd. to Fort Barrette Road to bring congestion relief to the ewa region where it is anticipated the majority of residential and employment growth is projected. This project is identified in the Oahu Regional Transportation Plan 2030.																			
OC7. Makakilo Drive (Route 8810) Extension Modern	DES				3,000	0	3,000													LOCAL STP FLEXIBLE
	CON													20,000	4,000	16,000	20,000	4,000	16,000	
	Estimated Total Project Cost - \$85,500,000 -- Plan, design and construct the extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.																			
OC8. Traffic Improvements at Various Locations Safety																				STP FLEXIBLE
	Village Park/Kupuna Loop	DES	450	360	90															
	Palolo - 9th Avenue/10th Avenue	CON	150	120	30															
		INSP	50	40	10															
	Kalaheo Avenue/Kailua Road	ROW				110	60	50												
		CON				1,500	600	900												
		INSP				250	100	150												
	TBD - CON 2017	DES				500	200	300												
		CON							2,130	960	1,170									
	TBD - CON 2018	ROW							50	0	50									
		PLN							50	0	50									
		DES							400	0	400									
		CON										2,130	960	1,170						
	TBD - CON 2019	ROW										50	0	50						
		PLN										50	0	50						
		DES										400	0	400						
		CON													2,130	960	1,170			
	TBD - CON 2020	ROW													50	0	50			
		PLN													50	0	50			
		DES													400	0	400			
		CON																2,130	960	
Estimated Total Project Cost - \$13,030,000 -- Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park & Kupuna Loop area, and Kalaheo Avenue/Kailua Road.																				
OC9. Traffic Signal Optimization Congest																				STP FLEXIBLE
	Phase 6 - Kapolei, Ewa, Makakilo	PLN																		
		DES							1	0	1									
	Phase 7 - TBD	PLN												1	0	1				
		DES												100	0	100				
	Phase 8 - TBD	PLN															1	0	1	
		DES															100	0	100	
Estimated Total Project Cost - \$803,000 -- To develop and implement optimum traffic signal timing plans for approximately 150 traffic signalized intersections.																				

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		PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, '15 - Sep 30, '16) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, '16 - Sep 30, '17) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, '17 - Sep 30, '18) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, '18 - Sep 30, '19) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, '19 - Sep 30, '20) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Congest	Traffic Signals at Various Locations																			STP FLEXIBLE	
	Phase 16 - Kapiolani Blvd/Kaimuki Ave, King St/Ward Ave, Salt Lake Blvd/Radford Dr, Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Nehoa St/Mott-Smith Dr, Ala Ilima St/Ala Liliko'i St, Kamehameha Hwy/Lipoa St, Atkinson Dr/Mahukona	PLN	1	0	1																
		CON	3,496	2,800	696																
		EQUIP	4	0	4																
	Phase 17 - Kuulei Rd/Aulike St, Kamehameha Hwy/Haiku Rd, King St/Church Ln, Ahua St/Kilihau St, Kualoa St/Acacia Rd, King St/Pensacola St, Kamehameha Hwy/Pahia Rd	DES	438	350	88																
		CON				3,550	2,800	750													
		EQUIP				4	0	4													
	Phase 18 - TBD	DES				438	350	88													
		CON							3,750	3,000	750										
		EQUIP							4	0	4										
	Phase 19 - TBD	DES							438	350	88										
		CON										3,750	3,000	750							
		EQUIP										4	0	4							
	Phase 20 - TBD	DES										438	350	88							
		CON													3,750	3,000	750				
		EQUIP										4	0	4							
	Phase 21 - TBD	DES													438	350	88				
		CON																3,750	3,000	750	
		EQUIP																4	0	4	
	Phase 22 - TBD	PLN																1	0	1	
		DES																438	350	88	
	Estimated Total Project Cost - \$24,700,000 -- Install and upgrade traffic signals island-wide including ADA improvements, signs and markings, and interties.																				
	OC11. Congest	Waipio Point Access Road (Route 7139) Improvements	CON	158	96	62															STP FLEXIBLE
Estimated Total Project Cost - \$5,000,000 -- Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bicycle Pedestrian Path and the Waipio Peninsula Soccer Park.																					
OAHU : C&C OF HONOLULU - FHWA TOTAL			30,669	17,000	13,669	37,411	17,000	20,411	31,669	16,580	15,089	34,935	16,560	18,375	55,035	18,430	36,605	54,435	18,430	36,005	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : D R A F T CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
Revision Effective Date: July 11, 2014

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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, '15 - Sep 30, '16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, '16 - Sep 30, '17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, '17 - Sep 30, '18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, '18 - Sep 30, '19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, '19 - Sep 30, '20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
CITY & COUNTY OF HONOLULU - FTA																				
OC12. Agency Provided Trips Human																				
	OPR	862	127	735	875	132	743	994	177	817	1,035	184	851	1,076	191	885	1,119	199	920	FTA \$5307
	OPR	400	200	200	416	208	208	432	216	216	450	225	225	450	225	225	468	234	234	FTA \$5310
Estimated Total Project Cost - \$8,577,000 -- Establish selected human service agencies as transportation providers serving their own clients who currently ride TheHandi-Van, and provide operating funds for the service.																				
OC13. Bus and Handi-Van Acquisition Program Transit	EQP	19,591	9,000	10,591	20,210	2,229	17,981	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	FTA \$5307
	EQP	1,388	1,110	278	1,415	1,132	283	1,444	1,155	289	1,473	1,178	295	1,503	1,202	301	1,533	1,226	307	FTA \$5337
	EQP	4,629	3,703	926	3,063	2,450	613	4,816	3,853	963	4,913	3,930	983	5,011	4,009	1,002	5,111	4,089	1,022	FTA \$5339
	Estimated Total Project Cost - \$159,400,000 -- Purchase replacement transit buses and handi-van vehicles.																			
OC14. Bus Stop ADA Access Improvements Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	270	0	270	270	0	270	270	0	270	270	0	270	270	0	270	270	0	270	LOCAL
	CON	621	300	321	321	0	321	321	0	321	321	0	321	321	0	321	321	0	321	FTA \$5307
	ROW	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	RELOC	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
Estimated Project Cost - \$3,888,000 - To modify bus stops and bring them into compliance with the Americans with Disabilities Act (ADA).																				
OC15. Bus Stop Site Improvements Transit	PLN	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	5	0	5	LOCAL
	ROW	1	0	1																LOCAL
	DES	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	90	0	90	LOCAL
	CON	2,835	2,430	405	405	0	405	405	0	405	405	0	405	405	0	405	405	0	405	FTA \$5307
	EQP	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
Estimated Project Cost - \$5,437,000 - This is an ongoing program to improve bus stops, bus shelters, benches, and other improvements at various locations.																				
OC16. Honolulu Rail Transit Project Transit	HRTPT				44,216	35,373	8,843	45,278	36,222	9,056	46,363	37,090	9,273	41,373	33,098	8,275	43,180	34,544	8,636	FTA \$5307/ \$5340
	HRTPT	1,070,200	342,464	727,736	1,063,457	340,306	723,151	755,944	241,902	514,042	388,428	124,297	264,131							FTA \$5309 NS
Estimated Total Project Cost - \$5,163,693,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.																				
a. Total estimated cost (YOE\$) = \$5,163,693,000 (including finance charges); PLN = \$25,027,000; Land Acquisition = \$222,188,000; DES = \$564,660,000; CON = \$4,143,317,000; EQP = \$208,501,000.																				
b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																				
c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,357,789,262 (YOE\$).																				
OC17. Local Shuttle Service Human	OPR										239	119	120	248	124	124	258	129	129	FTA \$5307
	Estimated Total Project Cost - \$745,000 -- To maintain and expand shuttle services between Kalaeloa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.																			
OC18. Middle Street Intermodal Center Transit	PLN				1,810	1,327	483	1	0	1	1	0	1							FTA \$5339 Bus and Bus Facilities
	DES				2,500	0	2,500	200	0	200	200	0	200							LOCAL
	CON						5,864	0	5,864	5,867	0	5,867								LOCAL
	EQP						1	0	1	1	0	1								LOCAL
Estimated Total Project Cost - \$16,445,00 -- Design, construct, inspect, and provide relocation funds for Phase II. Phase II is the completion of the Handi-Van parking lot, transit center platform and bus parking and parking garage.																				
OC19. Mobility Management Human	OPR	500	400	100	520	416	104	492	394	98	362	290	72	377	302	75	391	313	78	FTA \$5307
	OPR	140	112	28	145	116	29	152	121	31	158	126	32	175	140	35	183	146	37	FTA \$5310
Estimated Total Project Cost - \$3,595,000 -- Improve access to transportation for people with disabilities, seniors, and people with low incomes by coordinating transit and human service transportation.																				
OC20. Preventive Maintenance Transit	OPR	47,527	21,000	26,527	48,478	0	48,478	49,448	0	49,448	50,437	0	50,437	51,446	0	51,446	52,475	0	52,475	FTA \$5307
	Estimated Total Project Cost - \$299,811,000 -- Preventive maintenance of FTA-funded rolling stock (buses and handi-vans) to include parts, labor, and other related costs.																			
OC21. Transit Safety and Security Projects Transit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1				LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1				LOCAL
	CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1				LOCAL
	EQP	413	330	83	413	330	83	413	330	83	413	330	83	413	330	83				FTA \$5307
Estimated Total Project Cost - \$2,080,000 -- Capital projects at various transit locations to improve safety and security.																				
OAHU : C&C OF HONOLULU - FTA TOTAL		1,149,483	381,176	768,307	1,188,620	384,019	804,601	887,406	286,601	600,805	522,267	170,000	352,267	123,999	41,852	82,147	126,642	43,111	83,531	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T** CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
Revision Effective Date: July 11, 2014

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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 16) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS	
FUNDING CATEGORY SUMMARY - OAHU																																	
NHPP (National Highway Performance Program)			66,283			67,590			67,647			58,769			69,140			64,105															
BRIDGE OFF-SYSTEM			0			0			0			0			0			0															
STP ENHANCEMENT			0			2,084			0			2,400			0			3,120															
STP FLEXIBLE			17,000			17,000			20,740			26,560			18,430			18,430															
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0															
HSIP (Highway Safety Improvement Program)			3,228			3,600			2,448			200			0			2,400															
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287															
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0															
FTA TRANSFER FUNDS			0			0			0			0			0			0															
EQUITY BONUS			0			0			0			0			0			0															
EARMARK - HIGH PRIORITY			0			1,118			0			0			0			0															
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0															
EARMARK - SECTION 112			0			0			0			0			0			0															
EARMARK - SECTION 115			0			0			0			0			0			0															
EARMARK - SECTION 117			0			0			0			0			0			0															
FLHD (Federal Lands Highway Discretionary)			0			0			0			0			0			0															
NRCS (National Resources Conservation Service)			0			0			0			0			0			0															
TIGER			0			0			0			0			0			0															
HIGHWAYS FOR LIFE			0			0			0			0			0			0															
IMD (NHPP Discretionary)			4,300			0			0			0			0			0															
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0															
SUBTOTAL			91,098			91,679			91,122			88,216			87,857			88,342															
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(4,300)			(1,118)			0			0			0			0															
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0															
			0			0			0			0			0			0															
REGULAR FORMULA AUTHORITY		TOTAL	86,798			90,561			91,122			88,216			87,857			88,342															

DEPARTMENT OF TRANSPORTATION
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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, '15 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, '16 - Sep 30, '17)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, '17 - Sep 30, '18)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, '18 - Sep 30, '19)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, '19 - Sep 30, '20)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS			
HAWAII : STATE - FHWA																							
HS1. Modern	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakoia Gulch	CON	0	0	0									8,190	6,552	1,638				STP FLEXIBLE (defer, inflate for financial constraint)			
Estimated Total Project Cost - \$8,500,000 -- Realign and widen roadway on the mauka side, improve shoulders and rock catchment area.																							
HS2. SysPres	Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	NHPP / STP FLEXIBLE		
Estimated Total Project Cost - \$98,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																							
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Big Island program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																							
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																							
HS23. Modern	Daniel K. Inouye Highway (Route 200) Extension Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	DES PREROW	250 250	200 200	50 50															STP FLEXIBLE (updated route name)			
Estimated Total Project Cost - \$100,000,000 -- New roadway and/or realignment and extending Saddle Road Daniel K. Inouye Highway from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.																							
HS24. Modern	Daniel K. Inouye Highway (Route 200) Improvements Phase 2D: East Side Grade & Pave, MP 6 to MP 11	CON CON ADVCON	27,000 24,000	27,000 15,000	0 9,000															DISCRETIONARY STP FLEXIBLE (DAR soft match) STP FLEXIBLE (DAR soft match) (new project)			
Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																							
HS3. Safety	Guardrail and Shoulder Improvements, Various Locations	DES GON DES									0	0	0		0	0	0	100	80	20	STP FLEXIBLE (defer for financial constraint)		
Estimated Total Project Cost - \$2,400,000 -- Improve guardrail and shoulders.																							
HS4. SysPres	Hawaii Belt Road (Route 19), Bridge Replacement, Pahoehoe Stream Bridge	ROW CON	0	0	0			1,150	920	230								10,600	8,480	2,120	NHPP (defer, inflate for financial constraint)		
Estimated Total Project Cost - \$12,200,000 -- Replace existing bridge.																							
HS5. Safety	Hawaii Belt Road (Route 19), Drainage Improvements and Rockfall Protection, Vicinity of Hakalau Bridge	ROW CON ADVCON	1,300 0	1,040 0	260 0						6,500	600	5,900				0	4,600	(4,600)		NHPP (add ROW; defer & inflate to reflect schedule and financial constraint)		
Estimated Total Project Cost - \$7,100,000 -- Install a new culvert system along the mauka shoulder. Include rockfall protection on the cutslope including a permanent mesh system on both sides of the roadway.																							
HS6. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaunaloa Bridge Towards Waipunahina Bridge	CON ADVCON	0	0	0						5,600	480	5,120				0	4,000	(4,000)		NHPP (Defer, inflate to reflect schedule and financial constraint)		
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Kaunaloa Bridge towards Waipunahina Bridge.																							
HS7. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealahaka Bridge Towards Kaula Bridge	CON	0	0	0												1,560	1,248	312	NHPP (Defer, inflate to reflect schedule and financial constraint)			
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealahaka Bridge to Kaula Bridge																							
HS8. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealahaka Bridge	CON				0	0	0						1,560	1,248	312				NHPP (Defer, inflate to reflect schedule and financial constraint)			
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealahaka Bridge.																							
HS9. Safety	Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge	CON	0	0	0	1,693	1,355	338													NHPP (Defer, inflate to reflect schedule and financial constraint)		
Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.																							
HS10. Safety	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	ROW CON ADVCON		0	0			270	216	54		38,700	7,000	31,700			0	13,000	(13,000)	0	10,960	(10,960)	NHPP (Defer, inflate to reflect schedule and financial constraint) (add ROW)
Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.																							
HS11. Safety	Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulaea Gulch)	DES GON	0	0	0									0	0	0					NHPP (Defer for financial constraint; project will be deleted from this STIP)		
Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulaea Gulch.																							
HS12. SysPres	Hilo Bayfront Highway (Route 19), Shoreline Protection	ROW CON						100	80	20				3,640	2,912	728					STP FLEXIBLE (Defer, inflate to reflect schedule and financial constraint) (add ROW)		
Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																							
HS13. SysPres	Kawaihae Road (Route 19), Waiala Stream Bridge Replacement and Realignment of Approaches	ROW CON	0	0	0			2,200	1,760	440				11,200	8,960	2,240					NHPP (Defer, inflate to reflect schedule; and financial constraint project is currently in litigation)		
Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiala Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.																							

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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
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PROJECT		PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
HS14. Modern	Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa	PREROW	0	0	0	104	83	21													STP FLEXIBLE
	Phase 1 - Keaau Bypass to Pahoa-Kapoho Road	ROW				0	0	0	1,938	1,550	388										(Defer, inflate to reflect schedule; DES contract not executed yet)
		CON								0	0	0	28,560	5,000	23,560						
		ADVCON											0	0	0	0	7,000	(7,000)	0	10,848	(10,848)
	Phase-2	DES										0	0	0							(Phase 2 is being deferred to an out year and will be deleted from this STIP)
Estimated Total Project Cost - \$140,000,000 -- Improve traffic capacity, circulation and safety along Route 130.																					
HS15. Modern	Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion																				STP FLEXIBLE
	Phase 2: Shower Drive Intersection Improvements	CON				1,660	1,328	332													HSIP
	CON				520	468	52														
Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway between Keaau Bypass and Shower Drive. Phase 2 only includes work on the Shower Drive Intersection.																					
HS16. Modern	Kealahke Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street	DES	0	0	0										875	700	175				STP FLEXIBLE
		PREROW				0	0	0										55	44	11	(Add DES & PREROW)
		ROW								0	0	0									(Defer, inflate ROW 3 years and CON to out years for financial constraint)
		CON											0	0	0						
	Estimated Total Project Cost - \$8,000,000 -- Extension of Kealahke Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.																				
HS17. Safety	Kohala Mountain Road (Route 250) Safety Improvements	DES	40	36	4																HSIP
	MP 7.2 to MP 9.2	CON							360	324	36										
	Estimated Total Project Cost - \$400,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; high friction surface treatment; curve ahead signs and beacons and chevrons for motorcycle safety; superelevation assessment (to determine treatment) along entire segment; pavement markings; and signing.																				
HS18. SysPres	Mamalahoa Highway (Route 11)	DES	0	0	0																STP FLEXIBLE
	Hilea Bridge Replacement (MP 57.7)	ROW							0	0	0	430	344	86							(Delete DES since it was obligated in 2014)
		CON										0	0	0				6,600	5,280	1,320	(defer, inflate for financial constraint)
Estimated Total Project Cost - \$7,600,000 -- Replace existing bridge.																					
HS19. Safety	Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	CON	0	0	0										9,930	7,944	1,986				STP FLEXIBLE (ROW work will delay CON)
Estimated Total Project Cost - \$10,000,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.																					
HS20. Safety	Mamalahoa Highway (RTE 190), Safety Improvements	CON	0	0	0				1,457	1,311	146										HSIP
	MP 3.9 to MP 6.9																				(Defer, inflate to reflect schedule; still procuring DES consultant)
	Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																				
HS21. Enhance	National Recreational Trails Program - Hawaii (DLNR)	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
	Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.																				
HS22. Modern	Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940), Phase 1 - Kawiili (Rte 2770) to Kanoelehua Ave (Rte 11)	PREROW	51	40	11																STP FLEXIBLE
		ROW				0	0	0							5,600	4,480	1,120				(Add PREROW)
		ROW				0	0	0							1,000	800	200				EARMARK - HIGH PRIORITY (HI025)
		CON											0	0	0						STP FLEXIBLE
		ADVCON																0	0	0	(defer, inflate for financial constraint)
	Phase 2 - Komohana (RTE 1940) to Kawiili (Rte 2770)	PREROW	0	0	0							56	45	11							STP FLEXIBLE
		ROW							0	0	0							6,500	5,200	1,300	
		CON																0	0	0	(defer, inflate for financial constraint)
Estimated Total Project Cost - \$65,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																					
HS25. Enhance	Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)	ROW	175	140	35																HSIP
		CON	1,215	1,093	122																(Add deferred project from 2014)
	Estimated Total Project Cost - \$1,500,000 -- Improve operation, capacity and safety of Queen Kaahumanu Hwy and Kawaihae Road intersection.																				
HAWAII : STATE - FHWA TOTAL				71,155	45,048	26,107	20,851	12,533	8,318	24,349	6,460	17,889	96,720	13,768	82,952	58,869	62,495	(3,626)	42,289	42,439	(150)

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T** CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
Revision Effective Date: July 11, 2014

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PROJECT		PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF HAWAII - FHWA																					
HC1. Alii Drive (Route 186) Culvert Replacement SysPres	CON				10,400	1,024	9,376														STP FLEXIBLE
	ADVCON							0	8,320	(8,320)											
	Estimated Total Project Cost - \$11,700,000 -- Replace existing concrete culvert with a new concrete bridge.																				
HC2. Alii Highway (Route 1110) Modern Kamehameha III Rd (Route 185) to Queen Kaahumanu Hwy (Route 19) Phase 1	DES				2,500	2,000	500														STP FLEXIBLE
	ROW										2,550	2,040	510								
	CON																	12,400	9,920	2,480	
Estimated Total Project Cost - \$76,000,000 -- Design and ROW funds are for the entire project from Queen Kaahumanu Hwy, just south of Kona Hillcrest Subdivision to Alii Dr. near the Keauhou Shopping Ctr. Construct 4.5 miles of 24-ft wide road in phases as construction funding is available. Logical termini will be determined for each phase in the design phase.																					
HC3. Bridge Inspection and Appraisal SysPres	PLN	0	0	0	200	160	40	0	0	0	0	200	160	40	0	0	0	200	160	40	STP FLEXIBLE (Consolidated funds to show a 2-yr program)
	Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																				
HC4. Kawaiiani (Rte 2760) Street Improvements Congest Vicinity of Kanoelani Street to Vicinity of Kuhlani Street Phase 2B	CON	17,500	14,000	3,500																	STP FLEXIBLE (corrected local funding error)
	Estimated Total Project Cost - \$22,000,000 -- Phase 1 includes intersection improvements at Pohakulani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.																				
HC5. Kuakini Highway (Route 1100) Widening, Phase II Modern Hualalai Road (Route 188) to Proposed Alii Highway (Route 1110)	DES				1,500	1,200	300														STP FLEXIBLE
	CON											16,080	2,944	13,136							
	ADVCON												0	9,920	(9,920)						
Estimated Total Project Cost - \$60,500,000 -- Widening of a 1.1 mile section of Kuakini Highway from Hualalai Road to the proposed Alii Highway. Construction costs for Phase 2 are estimated at \$45 million. The project will need to be phased due to our limited annual allotment of federal funds.																					
HC6. Māmalahoa Highway (Route 19) Widening Modern (Mud Lane to Mana Road)	CON				8,000	6,400	1,600														NHPP
	Estimated Total Project Cost - \$8,870,000 -- To widen and provide left-turn pockets for thirteen (13) intersections along the Māmalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.																				
HC7. Waianuenue Avenue (Route 2720) Improvements Enhance Rainbow Drive to Akolea Road	DES	900	720	180																	STP FLEXIBLE
	ROW				250	200	50														
	CON							12,400	4,920	7,480											
	ADVCON										0	5,000	(5,000)								
Estimated Total Project Cost - \$13,900,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.																					
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			18,400	14,720	3,680	22,850	10,984	11,866	12,400	13,240	(840)	18,830	10,144	8,686	0	9,920	(9,920)	12,600	10,080	2,520	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T** CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
Revision Effective Date: July 11, 2014

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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)			FFY2016 (Oct 1, '15 - Sep 30, '16)			FFY2017 (Oct 1, '16 - Sep 30, '17)			FFY2018 (Oct 1, '17 - Sep 30, '18)			FFY2019 (Oct 1, '18 - Sep 30, '19)			FFY2020 (Oct 1, '19 - Sep 30, '20)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FTA																				
HC8. Transit Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
HC9. Transit Rural Transportation Program	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311
<i>Estimated Total Project Cost - \$13,000,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	

DEPARTMENT OF TRANSPORTATION
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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FUND CATEGORY & REMARKS	
FUNDING CATEGORY SUMMARY - HAWAII																																					
NHPP (National Highway Performance Program)			1,040			7,755			2,896			8,080			31,808			20,688																			
BRIDGE OFF-SYSTEM			0			0			0			0			0			0																			
STP ENHANCEMENT			0			0			0			0			0			0																			
STP FLEXIBLE			30,160			14,995			14,870			15,533			39,508			31,532																			
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0																			
HSIP (Highway Safety Improvement Program)			1,269			468			1,635			0			0			0																			
NATIONAL RECREATIONAL TRAILS			299			299			299			299			299			299																			
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0																			
FTA TRANSFER FUNDS			0			0			0			0			0			0																			
EQUITY BONUS			0			0			0			0			0			0																			
EARMARK - HIGH PRIORITY			0			0			0			0			800			0																			
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0																			
EARMARK - SECTION 112			0			0			0			0			0			0																			
EARMARK - SECTION 115			0			0			0			0			0			0																			
EARMARK - SECTION 117			0			0			0			0			0			0																			
FLHD (Federal Lands Highway Discretionary)			0			0			0			0			0			0																			
NRCS (National Resources Conservation Service)			0			0			0			0			0			0																			
DISCRETIONARY			27,000			0			0			0			0			0																			
HIGHWAYS FOR LIFE			0			0			0			0			0			0																			
IMD (NHPP Discretionary)			0			0			0			0			0			0																			
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0																			
SUBTOTAL			59,768			23,517			19,700			23,912			72,415			52,519																			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(27,000)			0			0			0			(800)			0																			
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0																			
			27,000			0			0			0			0			0																			
REGULAR FORMULA AUTHORITY		TOTAL	32,768			23,517			19,700			23,912			71,615			52,519																			

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T** CONSTRAINED
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, '15 - Sep 30, '16) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, '16 - Sep 30, '17) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, '17 - Sep 30, '18) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, '18 - Sep 30, '19) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, '19 - Sep 30, '20) (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
MAUI : STATE - FHWA																				
MS1. Bridge and Pavement Improvement Program, Maui	CON	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	NHPP / STP FLEXIBLE
Estimated Total Project Cost - \$117,960,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																				
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																				
The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																				
MS2. Guardrail and Shoulder Improvement Program																				STP FLEXIBLE
Safety at Various Locations, Maui																				
Part 2	CON				1,000	800	200													
Part 3	CON							1,000	800	200										
Part 4	CON																1,000	800	200	
Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																				
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification	CON	0	0	0	2,550	2,040	510													STP ENHANCEMENT
Enhance Dairy Road (Route 380) to Naniloa Overpass																				(Defer, inflate to reflect schedule)
Estimated Total Project Cost - \$2,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32)	ROW				0	0	0	120	95	25										NHPP
Modern to Vicinity of Airport Access Road	CON							0	0	0	6,900	1,520	5,380							(defer and inflate, financial constraint)
	ADVCON													0	4,000	(4,000)				(add ADVCON for financial constraint)
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement,	ROW	0	0	0	841	673	168													NHPP
SysPres Honolua Bridge	CON				0	0	0				5,600	4,480	1,120							(Defer, inflate to reflect schedule and financial constraint)
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.																				
MS6. Honoapiilani Highway (Route 3000) Realignment	DES	0	0	0																NHPP
Modern Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	ROW							100	80	20										(Delete DES; was obligated in 2014)
	CON										30,000	12,000	18,000	0	0	0				(Reduce ROW; developer is
	ADVCON													0	12,000	(12,000)	0	0	0	anticipated to provide the ROW)
	ROW				0	0	0							6,250	5,000	1,250				(advance 1b2, defer 1c to reflect
	CON										0	0	0				41,600	16,280	25,320	construction priority)
	ADVCON													0	0	0				
Estimated Total Project Cost - \$95,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus AND from Keawe Street Extension to North of the Kaanapali Connector.																				
MS7. Honoapiilani Highway (Route 30), Safety Improvements	CON	0	0	0				1,352	1,217	135										HSIP
Safety Ukumehame to Olowalu																				(Defer, inflate to reflect schedule; still working on a DES contract)
Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																				
MS8. Honoapiilani Highway (Route 30) Shoreline Protection	ROW	250	200	50																NHPP
SysPres Vicinity of Olowalu	CON	3,250	2,600	650																(add ROW)
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																				
MS9. Kahului Beach Road (Route 3400), Shoreline Protection	ROW	250	200	50																STP FLEXIBLE
SysPres Kahului Bay	CON				0	0	0	5,130	4,100	1,030										(add ROW. Defer and inflate for financial constraint)
Estimated Total Project Cost - \$6,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.																				
MS16. Kihei-Upcountry Maui Highway (Route 374), Phase 1A	CON																20,000	8,000	12,000	STP FLEXIBLE
Modern	ADVCON																			(New project. Adv Con will be needed)
Estimated Total Project Cost -- \$100,000,000 -- This project will initially be a two-lane facility without a median. The full build-out will be a four-lane facility with a median. The right-of-way for the future four-lane facility will be acquired. It will connect the Kihei-Makena area with Upcountry Maui. The terminus points are Haleakala Highway at the Upcountry Maui end and Piilani Highway at the Kihei-Makena end.																				
MS10. National Recreational Trails Program - Maui (DLNR)	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)
Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.																				
MS14. North Kihei Road (Route 310), Shoreline Protection,	CON																0	0	0	STP FLEXIBLE
SysPres Vicinity of Keala Pond																				(defer for financial constraint)
Estimated Total Project Cost -- \$7,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.																				
MS12. Paia Bypass Road - Paia Alternative Route,	DES										0	0	0	3,570	2,856	714				STP FLEXIBLE
Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park	PREROW																110	88	22	(added PREROW from 11-14 STIP)
	ROW																0	0	0	(Defer, inflate for financial constraint)
Estimated Total Project Cost - \$169,000,000 -- Develop an alternative route to bypass the town of Paia and other short term traffic congestion improvements. Project will be phased after the environmental phase is complete.																				

DEPARTMENT OF TRANSPORTATION
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FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
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PROJECT		FFY2015 (Oct 1, 14 - Sep 30, 16)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FFY2017 (Oct 1, 16 - Sep 30, 17)			FFY2018 (Oct 1, 17 - Sep 30, 18)			FFY2019 (Oct 1, 18 - Sep 30, 19)			FFY2020 (Oct 1, 19 - Sep 30, 20)			FUND CATEGORY & REMARKS
PHASE		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MS13. Puunene Ave. (Rte 3500) Improvements,	PREROW	34	26	8																STP FLEXIBLE
Modern Kaahumanu Ave. (Route 32) to Kuihelani Highway (Route 380)	ROW	0	0	0	155	122	33													(defer, inflate for financial constraint)
	CON				0	0	0							13,500	5,800	7,700				
	ADVCON							0	0	0							0	5,000	(5,000)	
Estimated Total Project Cost - \$14,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.																				
MOLOKAI																				
MS14. Guardrail and Shoulder Improvements Program																				STP FLEXIBLE
Safety at Various Locations, Molokai																				
Part 2	CON				750	600	150													(Part 2 added)
Part 3	CON	0	0	0																(delete Parts 3, 4 & 5; much of
Part 4	CON							0	0	0										guardrails are up to standard; any
Part 5	CON													0	0	0				needed improvements will be included
Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																				
MS15. Kamehameha V Highway (Route 450), Bridge Replacement	CON	0	0	0	6,963	5,571	1,392													STP FLEXIBLE
SysPres Makakupaia Stream Bridge																				(Defer, inflate to reflect schedule;
Estimated Total Project Cost - \$8,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.																				
MAUI : STATE - FHWA TOTAL		24,733	3,385	21,348	33,208	10,165	23,043	27,651	5,851	21,800	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	

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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, '15 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, '16 - Sep 30, '17)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, '17 - Sep 30, '18)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, '18 - Sep 30, '19)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, '19 - Sep 30, '20)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF MAUI - FHWA																				
MC1. Alaalua Bridge Replacement, Hana Highway (Route 3700), MP 33.80	DES							750	0	750										LOCAL
Estimated Total Project Cost - \$8,750,000- Construct a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.																				
MC2. Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, Phase 2 - Halimaile Road to Hana Hwy	CON	7,000	5,000	2,000																STP FLEXIBLE
Estimated Total Project Cost - \$9,600,000 - Reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; providing minor drainage improvements; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.																				
MC3. Bridge Inspection and Appraisal	PLN	300	240	60				300	240	60				300	240	60				STP FLEXIBLE
Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA. Bridge inspection funding of \$300,000 is provided every two years.																				
MC4. Central Maui Traffic Signal Upgrades	DES							270	0	270										STP FLEXIBLE
Congest. Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75)	CON												1,300	1,040	260					
Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66)																				
Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48)																				
Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0)																				
Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0)																				
Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12)																				
Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85)																				
Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)																				
Estimated Total Project Cost - \$1,570,000 -- The project will upgrade eight (8) existing signalized intersections within Kahului. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.																				
MC5. Guardrail and Shoulder Improvements, Various Locations	CON				1,500	1,200	300													STP FLEXIBLE
Phase 1 - Halimaile Road (Route 371), Haleakala Highway (Route 37) to Baldwin Ave (Route 390) MP 0-MP 2.62																				
Phase 2	CON							1,800	1,440	360										
Estimated Total Project Cost - \$4,500,000 -- Construction of new metal guardrails and guardrail end treatments, and upgrades to existing traffic signage and markings. This is a continuous improvement program.																				
MC6. Hahalawe Bridge Replacement, Hana Highway (Route 3700), MP 31.05	DES				700	0	700													STP FLEXIBLE
	CON															7,550	5,400	2,150		
Estimated Total Project Cost - \$8,250,000 -- The scope of work involves constructing a new bridge mauka of the existing bridge and providing limited repairs to maintain the existing bridge in place.																				
MC7. Haleakala Highway (Route 37, MP 7-20)- Intersection Improvements at- Makawao Avenue (Route 365, MP 0.3-MP 0.6)	DES	0	0	0																STP FLEXIBLE
Congest. Makawao Avenue (Route 365, MP 0.3-MP 0.6)	ROW	0	0	0																(drop; will fund project w/ all local funds
	CON	0	0	0																
Estimated Total Project Cost - \$3,650,000 -- Acquire ROW for widening of Makawao Avenue approaches (MP 0.3-MP 0.6); construct additional lane and shoulders; relocate signals and provide additional heads as necessary; signing and striping; re-optimize signal timing.																				
MC8. Iao Stream Bridge Repairs, Iao Valley Road (Route 3200), MP 2	CON				1,500	1,200	300													STP FLEXIBLE
Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.																				
MC9. Kahakuloa Bridge Replacement, Kahakili Highway (Route 340), MP 9.27	DES	420	16	404																STP FLEXIBLE
	CON										3,400	2,400	1,000							
Estimated Total Project Cost - \$3,820,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.																				
MC10. Kahana Nui Bridge Replacement, Lower Honoapiilani Road (Route 3080), MP 2.40	CON				3,470	2,470	1,000													STP FLEXIBLE
Estimated Total Project Cost - \$3,670,000 -- The scope of work involves demolishing the existing bridge, installing a new bridge, relocating existing sewer and water lines, reconstructing the existing drainage system to outlet into the new bridge, relocating an existing power pole, constructing new roadway with shoulders, sidewalks, curb and gutter, curb ramps and striping.																				
MC11. Kahawaiokapia Bridge Replacement, Hana Highway (Route 3700), MP 36.61	DES	830	24	806																STP FLEXIBLE
	CON							5,400	3,600	1,800										
Estimated Total Project Cost - \$6,230,000 -- The scope of work involves constructing a temporary bypass road mauka of the existing bridge; demolishing the existing bridge; constructing the new bridge; then removing the temporary bypass road.																				
MC12. Kanaloa Avenue (Route 3420, MP 0-MP 0.9), Mahalani Street / Maui Lani Parkway / Waiinu Road (Route 3231, MP 0-MP 1.18) Resurfacing, Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)	DES							300	0	300										STP FLEXIBLE
	CON										0	0	0	6,730	5,384	1,346				(defer, inflate to reflect reprioritization)
Estimated Total Project Cost - \$6,900,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.																				

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC13. Kihei Bikeway, Phase 2, Enhance Liloa Drive (Route 3115, MP 1.39-MP 1.49), Lipoa Street (Route 3160) to Halekui Street	CON	1,000	800	200																STP ENHANCEMENT
Estimated Total Project Cost - \$4,700,000 -- The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, landscaping, and path lighting will also be part of the construction.																				
MC14. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction SysPres Haiku Road (Route 366) to MP 3.1 and Makawao Avenue (Route 365, MP 3.2 to MP 2.4) Pavement Reconstruction Pihiolo Road to Kokomo Road (Route 366)	CON				0	0	0	4,463	3,570	893										STP FLEXIBLE (Defer, inflate to reflect reprioritization)
Estimated Total Project Cost - \$4,675,000 -- Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, installing 5 foot wide sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping.																				
MC15. Koukouai Bridge Modifications, SysPres Piilani Highway (Route 3700), MP 28.59	CON													6,120	4,488	1,632				STP FLEXIBLE
Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road.																				
MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, SysPres Kualau Street to Honoapiilani Highway (Route 30)	DES	185	8	177																STP FLEXIBLE
	CON	1,600	1,280	320																
Estimated Total Project Cost - \$1,775,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.																				
MC17. Kulanihakai Bridge Replacement SysPres South Kihei Road (Route 3100), MP 1.40	CON	0	0	0	4,080	3,264	816													STP FLEXIBLE (Defer, inflate to reflect reprioritization)
Estimated Total Project Cost - \$4,900,000 -- The scope of work involves constructing a temporary bypass road mauka of the project site, demolishing the existing 4-cell box culvert bridge, installing a new bridge, installing new pavement, and removing the temporary bypass road.																				
MC18. Lelekea Bridge Replacement SysPres Piilani Highway (Route 3700), MP 27.23	CON																3,994	3,195	799	STP FLEXIBLE
Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road.																				
MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, SysPres Phase IV, Hoohui Road to Napiliuau Road (Route 3090)	DES				350	0	350													STP FLEXIBLE
	CON										5,900	4,500	1,400							
Estimated Total Project Cost - \$16,000,000 -- The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping.																				
MC20. Lower Honoapiilani Road (Route 3080, MP 0-MP 2) SysPres Pavement Rehabilitation, Honoapiilani Highway (Route 30) to Hoohui Road	DES							300	0	300										STP FLEXIBLE
	CON													5,000	4,000	1,000				
Estimated Total Project Cost - \$5,300,000 -- The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.																				
MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, SysPres Kahului Beach Road (Route 3400) to Hala Place	DES				175	0	175													STP FLEXIBLE
	CON							3,500	2,800	700										
Estimated Total Project Cost - \$3,675,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping.																				
MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7) Enhance - Makani Road (Route 3630, MP 1.4-MP 1.6) Improvements, Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW				750	0	750													STP FLEXIBLE
	CON							1,250	1,000	250										
Estimated Total Project Cost - \$2,000,000 -- Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection.																				
MC23. Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3 Congest	CON													730	584	146				STP FLEXIBLE
Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street.																				
MC24. North Shore Greenway, Phase IV Enhance Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park	CON				1,750	1,400	350													STP ENHANCEMENT (Increase, update estimate)
Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway.																				
MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99), Modern Kaonoulu Street to Namaou Place	DES	450	0	450																STP FLEXIBLE (Project criteria changed from congestion to modernization)
	CON													7,050	5,000	2,050				
Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.																				

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)			
MC26. North-South Collector Road (Route 3115, MP 2.73-MP 3.86), Modern Lokelani School to Auhana Road	DES				600	0	600					150	0	150				STP FLEXIBLE (Project criteria changed from congestion to modernization) (defer and inflate CON to reflect reprioritization)		
	ROW																			
	CON													0	0	0				
	Estimated Total Project Cost - \$32,000,000 -- Construct a two lane major collector road including separated multi-use path. Project will also construct three bridge/stream crossings.																			
MC27. Old Haleakala Highway (Route 367, MP 0.85-MP 0.95) Congest Traffic Signal Upgrade at Pukalani Street (Route 3620, MP 0-MP 0.05)	DES						130	0	130						1,250	1,000	250	STP FLEXIBLE		
	CON																			
	Estimated Total Project Cost - \$1,380,000 -- Upgrade existing traffic signal system at the intersection of Old Haleakala Highway and Pukalani Street. Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.																			
MC40. Old Haleakala Hwy (Route 367) and Makani Rd (Route 3630) Resurf. SysPres Aeoloa Rd - Makawao Ave & Old Haleakala Hwy to Haleakala Bypass	CON		4,958	3,527	1,431													STP FLEXIBLE (Add project; CON funds were deferred from 2014 to 2015)		
	Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeoloa Road to Makawao Avenue and on Makani Road from Old Haleakala Hwy to Haleakala Bypass. Including pavement striping and marking and utility adjustments. Total length = 1.7 miles.																			
MC28. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, SysPres and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, Papa Avenue (Route 3910) to Wakea Avenue (Route 3920)	DES		370	16	354													STP FLEXIBLE		
	CON						2,200	1,760	440											
	Estimated Total Project Cost - \$2,200,370 -- The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping.																			
MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals Congest at Hina Avenue (Route 3930, MP 0.8)	CON								860	688	172							STP FLEXIBLE		
	Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area.																			
MC30. Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at Congest Wainee Street (Route 3015, MP 0.3-MP 0.34)	DES		130	0	130										1,250	1,000	250	STP FLEXIBLE		
	CON																			
	Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalaua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades.																			
MC31. Pavement Rehabilitation, Various Roads, South Maui SysPres Kulanihakoi Street (Route 3175), MP 0-MP 0.5 Waipulani Road (Route 3170), MP 0-MP 0-6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Piilani Highway (Route 31)	DES		20	16	4													STP FLEXIBLE		
	CON					6,000	4,800	1,200												
	Estimated Total Project Cost - \$6,020,000 -- The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.																			
MC32. Piikea Avenue (Route 3165, MP 0-MP 0.6) Resurfacing, SysPres South Kihei Road (Route 3100) to Piilani Highway (Route 31)	DES		10	8	2													STP FLEXIBLE		
	CON					1,600	1,280	320												
	Estimated Total Project Cost - \$1,610,000 -- The scope of work involves resurfacing the existing roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.																			
MC33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at Congest Wainuu Road (Route 3231, MP 1.15 to MP 1.18)	CON						810	648	162									STP FLEXIBLE		
	Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Wainuu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane.																			
MC34. Waipulani Bikepath Enhance Kulanihakoi Street (Route 3175) to W. Waipulani Road (Route 3170)	CON								1,730	1,384	346							STP ENHANCEMENT		
	Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, and street lighting will also be part of the construction.																			
MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and Congest Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade	CON		1,200	960	240													STP FLEXIBLE		
	Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue.																			
MAUI : COUNTY OF MAUI - FHWA TOTAL			18,473	11,895	6,578	22,475	15,614	6,861	21,473	15,058	6,415	12,040	8,972	3,068	29,730	22,736	6,994	20,214	15,531	4,683

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
COUNTY OF MAUI - FTA																					
MC36. Transit	Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Rural Bus Prgrm)
Estimated Total Project Cost - \$6,062,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.																					
MC37. Transit	Rural Transportation Program	OPR	1,000	500	500	1,030	515	515	1,062	531	531	1,094	547	547	1,128	564	564	1,162	581	581	FTA SECTION 5311
Estimated Total Project Cost - \$6,476,000 -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																					
MC38 Transit	Urbanized Area - Kahului	PLN/EQP/OPR	2,040	1,020	1,020	2,102	1,051	1,051	2,166	1,083	1,083	2,232	1,116	1,116	2,300	1,150	1,150	2,370	1,185	1,185	FTA SECTION 5307 - Kahului (pop.. 50,000 - 199,999)
Estimated Total Project Cost - \$13,210,000 -- Provides grants to Urbanized Areas for public transportation capital, planning, job access and reverse commute projects, as well as operating expenses in certain circumstances.																					
MC39. Human	Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
Estimated Total Project Cost - \$2,727,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban) Funds from program will be utilized for the purchase of vehicles.																					
MAUI : COUNTY OF MAUI - FTA TOTAL			4,394	2,603	1,791	4,529	2,683	1,846	4,669	2,766	1,903	4,811	2,850	1,961	4,960	2,938	2,022	5,112	3,028	2,084	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - MAUI																				
NHPP (National Highway Performance Program)			2,800			673			175			18,000			21,000			16,280		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
STP ENHANCEMENT			800			3,440			0			1,384			0			0		
STP FLEXIBLE			11,321			21,307			19,158			8,388			31,392			29,419		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP (Highway Safety Improvement Program)			0			0			1,217			0			0			0		
NATIONAL RECREATIONAL TRAILS			359			359			359			359			359			359		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD (Federal Lands Highway Discretionary)			0			0			0			0			0			0		
NRCS (National Resources Conservation Service)			0			0			0			0			0			0		
TIGER			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
IMD (NHPP Discretionary)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			15,280			25,779			20,909			28,131			52,751			46,058		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY		TOTAL	15,280			25,779			20,909			28,131			52,751			46,058		

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T** CONSTRAINED
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PROJECT		PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS	
KAUAI : STATE - FHWA																						
KS1.	Bridge and Pavement Improvement Program, Kauai	CON	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	NHPP / STP FLEXIBLE	
SysPres	Estimated Total Project Cost - \$67,200,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/ . Qualified and priority SMP projects could receive federal funds should they become available.																					
KS2.	Guardrail and Shoulder Improvements on State Highways, Kauai	DES	100	80	20																STP FLEXIBLE	
Safety	Part 3	CON				1,000	800	200														
	Part 4	DES							100	80	20											
		CON										1,000	800	200								
	Part 5	DES													100	80	20					
		CON																1,000	800	200		
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																						
KS3.	Kapule Highway / Rice Street / Waapa (Route 51) Road	ROW				0	0	0				850	680	170							NHPP	
SysPres	Improvements and Nawiliwili Bridge Replacement	CON										0	0	0			4,185	3,348	837		(defer & inflate for financial constraint)	
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																						
KS4.	Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW	0	0	0				67	52	15										NHPP	
SysPres	Bridge No. 7E	CON										0	0	0			6,960	5,568	1,392		(defer & inflate for financial constraint)	
Estimated Total Project Cost - \$7,365,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																						
KS5.	Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW	0	0	0							105	80	25							STP FLEXIBLE	
SysPres	Hanaapepe Bridge	CON				0	0	0									27,000	10,000	16,400		(defer & inflate for financial constraint)	
		ADVCON							0	0	0											
Estimated Total Project Cost - \$27,000,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																						
KS6.	Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW	108	85	23																STP FLEXIBLE	
SysPres	Omao Bridge	CON	0	0	0							7,650	620	7,030			0	5,500	(5,500)		(Add ROW from 11-14 STIP)	
		ADVCON																			(Defer & inflate for financial constraint)	
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																						
KS7.	Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON							18,400	10,000	8,400										NHPP	
Modern	Phase IB	ADVCON										0	4,720	(4,720)							(Redistribute federal and local amounts; total amounts remain same)	
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																						
KS8.	Kuhio Highway (Route 56), Bridge Replacement	ROW	790	632	158																NHPP	
SysPres	Kapaa Bridge	CON				10,710	2,568	8,142													(use ADVCON)	
		ADVCON							0	6,000	(6,000)											
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaa.																						
KS9.	Kuhio Highway (Route 560), Bridge Rehabilitation	ROW	0	0	0	595	476	119													STP FLEXIBLE	
SysPres	Waioli, Waipa, and Waikoko Stream Bridges	CON				0	0	0				0	0	0					0	5,000	(5,000)	
		ADVCON																			(Defer, inflate all phases. Env docs won't be ready for ROW oblig in 2015)	
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																						
KS14.	Kuhio Highway (Route 56) Emergency Slope Stabilization,	CON	12,240	9,792	2,448																STP FLEXIBLE	
SysPres	Kalihiwai Bridge																				(Add from 11-14 STIP)	
Estimated Total Project Cost - \$14,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.																						
KS10.	Kuhio Highway (Route 56) Improvements,	DES										0	0	0							EARMARK HIGH PRIORITY (HI035)	
Modern	Hanamaulu to Kapaa, Phase I	DES										0	0	0							EARMARK HIGH PRIORITY (HI007)	
		PREROW							0	0	0										NHPP (Delete -- EIS identifies "no build" alt; smaller congestion mitigation projects will be developed)	
		ROW															0	0	0			
Estimated Total Project Cost - \$49,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.																						
KS11.	Kuhio Highway (Route 56), Maaliuhua Road Intersection Improvements	ROW	0	0	0							550	440	110							NHPP	
Safety	and Kapaa Stream Bridge Rehabilitation	CON				0	0	0							10,600	8,480	2,120				(defer & inflate for financial constraint)	
Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maaliuhua Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.																						
KS12.	Kuhio Highway (Route 56)	DES				120	96	24													HSIP	
Safety	Safety Improvements	CON										1,080	864	216								
	MP 21.4 - 27.1																					
Estimated Total Project Cost - \$1,200,000 -- includes but not limited to, installation of milled rumble strips on centerline and shoulders. Super elevation assessment along entire segment along with pavement markings and signing.																						
KS13.	National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)	
Enhance	Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.																					
KAUAI : STATE - FHWA TOTAL			25,552	10,840	14,712	24,739	4,191	20,548	30,881	16,383	14,498	23,549	8,455	15,094	32,014	16,511	15,503	51,459	24,967	25,892		

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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF KAUAI - FHWA																				
KC1. SysPres	Bridge Inspection and Appraisal	PLN/DES			125	100	25				125	100	25				125	100	25	STP FLEXIBLE
Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.																				
KC2. SysPres	Hanapepe Road (Rte 545) Resurfacing	CON	3,000	2,400	600	0	0	0												STP FLEXIBLE (advance to reflect project readiness)
Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.																				
KC3. Safety	Kawaihau Road (Route 5860), Hauaala Road (Route 5865) Maalihuna Road (Route 5870), Complete Street & Safety Improvements	PLN DES CON	100 275 	80 220 	20 55 															STP FLEXIBLE changed project title to not include "Safe Routes to School" since it is not utilizing this grant program (defer to reflect schedule)
Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Maalihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Maalihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).																				
KC4. Enhance	Lihue-Anahola Coastal Bike Path Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path Phase C & D	CON	1,500	1,500	0															STP ENHANCEMENT
A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.																				
Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path Phase A - Ahukini Landing to Hanamaulu Beach Park																				
DES 0 0 0 1,100 1,100 0																				
CON 0 0 0 0																				
Phase B - Hanamaulu Beach Park to Wailua Golf Course																				
DES 800 800 0 7,425 7,425 0																				
ROW 0 0 0 4,080 4,080 0																				
The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park. A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.																				
Phase VI - Nawiliwili to Ahukini Bike/Pedestrian Path Phase A - Ninini Point to Ahukini																				
DES 0 0 0 1,835 1,835 0																				
ROW 0 0 0 0																				
CON 0 0 0 410 410 0																				
Phase B - Ninini Point to Nawiliwili Beach Park																				
DES 1,000 1,000 0 6,730 6,730 0																				
CON 0 0 0 19,600 19,600 0																				
Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.																				
Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.																				
KC5. Modern	Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))	DES CON												2,000	1,600	400				STP FLEXIBLE (defer to reflect schedule and financial constraint)
Estimated Total Project Cost - \$22,500,000 -- Construct new 4 lane roadway with 12' lanes and 6' shoulders. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.																				
KC6. SysPres	Opaekaa Bridge Rehabilitation	CON			3,000	2,400	600													STP FLEXIBLE
Estimated Total Project Cost - \$3,500,000 -- Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.																				
KC7. Enhance	Poipu Road (Route 520) Multimodal Improvements	PLN DES CON	100 400 	80 320 	20 80 	0 0 	0 0 				4,500	3,600	900							STP FLEXIBLE (advance to reflect schedule and financial constraint)
Estimated Total Project Cost - \$5,000,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping																				
KC8. SysPres	Puhi Road (Route 5010) Rehabilitation Phase 2 - Kaneka Street to S. Halekuna Street (MP 0.35 to 0.80)	DES CON	250 	200 	50 						3,500	2,800	700							STP FLEXIBLE
Estimated Total Project Cost - \$6,750,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaunaulii Hwy (MP 0.00) to Kaneka Street. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.																				
KC9. SysPres	Puuopae Bridge Rehabilitation	CON	3,000	2,400	600															STP FLEXIBLE
Estimated Total Project Cost - \$3,600,000 -- Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.																				
KC10. Safety	Rice Street (Route 5020) Improvements MP 0-MP 1.00	PLN DES CON				100 400 	80 320 	20 80 	0 0 	0 0 				3,000	2,400	600				STP FLEXIBLE (advance to reflect schedule and financial constraint)
Estimated Total Project Cost - \$3,500,000 -- Construction of medians, bicycle facilities (bike lanes and sharrows), restriping, bus shelters, and improvements at intersections and pedestrian crossings.																				
KAUAI : COUNTY OF KAUAI - FHWA TOTAL																				
			8,625	7,200	1,425	6,560	5,835	725	11,860	9,650	2,210	11,960	11,335	625	12,810	12,410	400	19,725	19,700	25

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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF KAUAI - FTA																				
KC11. Transit Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
	Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.																			
KC12. Transit Rural Transportation Program	OPR	2,000	1,000	1,000	2,060	1,030	1,030	2,122	1,061	1,061	2,186	1,093	1,093	2,252	1,126	1,126	2,320	1,160	1,160	FTA SECTION 5311 FTA SECTION 5311
	Estimated Total Project Cost - \$13,000,000- -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.																			
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	

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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, '15 - Sep 30, '16)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, '16 - Sep 30, '17)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, '17 - Sep 30, '18)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, '18 - Sep 30, '19)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, '19 - Sep 30, '20)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FUND CATEGORY & REMARKS		
FUNDING CATEGORY SUMMARY - KAUAI																																						
NHPP (National Highway Performance Program)			632			2,568			16,052			5,840			8,480			8,916																				
BRIDGE OFF-SYSTEM			0			0			0			0			0			0																				
STP ENHANCEMENT			1,500			2,935			800			8,835			10,810			19,600																				
STP FLEXIBLE			15,657			4,176			8,930			4,000			9,380			15,900																				
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0																				
HSIP (Highway Safety Improvement Program)			0			96			0			864			0			0																				
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251																				
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0																				
FTA TRANSFER FUNDS			0			0			0			0			0			0																				
EQUITY BONUS			0			0			0			0			0			0																				
EARMARK - HIGH PRIORITY			0			0			0			0			0			0																				
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0																				
EARMARK - SECTION 112			0			0			0			0			0			0																				
EARMARK - SECTION 115			0			0			0			0			0			0																				
EARMARK - SECTION 117			0			0			0			0			0			0																				
FLHD (Federal Lands Highway Discretionary)			0			0			0			0			0			0																				
NRCS (National Resources Conservation Service)			0			0			0			0			0			0																				
TIGER			0			0			0			0			0			0																				
HIGHWAYS FOR LIFE			0			0			0			0			0			0																				
IMD (NHPP Discretionary)			0			0			0			0			0			0																				
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0																				
SUBTOTAL			18,040			10,026			26,033			19,790			28,921			44,667																				
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			0			0			0																				
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0																				
			0			0			0			0			0			0																				
REGULAR FORMULA AUTHORITY		TOTAL	18,040			10,026			26,033			19,790			28,921			44,667																				

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FTA SUMMARY																				
STATEWIDE		1,222	917	305	810	721	89	0	0	0	0	0	0	0	0	0	0	0	0	
OAHU, STATE		1,102	695	407	1,137	717	420	1,172	739	433	1,209	762	447	1,248	786	462	1,288	811	477	
C&C OF HONOLULU		1,149,483	381,176	768,307	1,188,620	384,019	804,601	887,406	286,601	600,805	522,267	170,000	352,267	123,999	41,852	82,147	126,642	43,111	83,531	
COUNTY OF HAWAII		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
MAUI, STATE		24,733	3,385	21,348	33,208	10,165	23,043	27,651	5,851	21,800	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
COUNTY OF MAUI		4,394	2,603	1,791	4,529	2,683	1,846	4,669	2,766	1,903	4,811	2,850	1,961	4,960	2,938	2,022	5,112	3,028	2,084	
COUNTY OF KAUAI		2,520	1,415	1,105	2,597	1,458	1,139	2,676	1,502	1,174	2,758	1,548	1,210	2,842	1,595	1,247	2,929	1,644	1,285	
FTA TOTAL		1,185,974	391,606	794,368	1,233,498	401,221	832,277	926,250	298,961	627,289	598,252	195,867	402,385	180,160	78,781	101,379	222,559	80,765	141,794	

DEPARTMENT OF TRANSPORTATION
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **D R A F T CONSTRAINED**
FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only)
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PROJECT	PHASE	FFY2015 (Oct 1, 14 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2017 (Oct 1, 16 - Sep 30, 17) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2018 (Oct 1, 17 - Sep 30, 18) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2019 (Oct 1, 18 - Sep 30, 19) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2020 (Oct 1, 19 - Sep 30, 20) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA SUMMARY																				
STATEWIDE		39,797	8,227	31,570	48,572	12,887	35,685	38,195	6,965	31,230	40,945	6,745	34,200	38,545	5,515	33,030	37,245	5,885	31,360	
Oahu - State		151,332	74,098	77,234	150,700	74,679	76,021	120,061	74,542	45,519	97,670	71,656	26,014	117,629	69,427	48,202	93,444	69,912	23,532	
City and County of Honolulu		30,669	17,000	13,669	37,411	17,000	20,411	31,669	16,580	15,089	34,935	16,560	18,375	55,035	18,430	36,605	54,435	18,430	36,005	
ISLAND OF OAHU		182,001	91,098	90,903	188,111	91,679	96,432	151,730	91,122	60,608	132,605	88,216	44,389	172,664	87,857	84,807	147,879	88,342	59,537	
Hawaii - State		71,155	45,048	26,107	20,851	12,533	8,318	24,349	6,460	17,889	96,720	13,768	82,952	58,869	62,495	(3,626)	42,289	42,439	(150)	
County of Hawaii		18,400	14,720	3,680	22,850	10,984	11,866	12,400	13,240	(840)	18,830	10,144	8,686	0	9,920	(9,920)	12,600	10,080	2,520	
ISLAND OF HAWAII		89,555	59,768	29,787	43,701	23,517	20,184	36,749	19,700	17,049	115,550	23,912	91,638	58,869	72,415	(13,546)	54,889	52,519	2,370	
Maui - State		24,733	3,385	21,348	33,208	10,165	23,043	27,651	5,851	21,800	64,449	19,159	45,290	44,269	30,015	14,254	83,659	30,527	53,132	
County of Maui		18,473	11,895	6,578	22,475	15,614	6,861	21,473	15,058	6,415	12,040	8,972	3,068	29,730	22,736	6,994	20,214	15,531	4,683	
ISLAND OF MAUI		43,206	15,280	27,926	55,683	25,779	29,904	49,124	20,909	28,215	76,489	28,131	48,358	73,999	52,751	21,248	103,873	46,058	57,815	
Kauai - State		25,552	10,840	14,712	24,739	4,191	20,548	30,881	16,383	14,498	23,549	8,455	15,094	32,014	16,511	15,503	51,459	24,967	25,892	
County of Kauai		8,625	7,200	1,425	6,560	5,835	725	11,860	9,650	2,210	11,960	11,335	625	12,810	12,410	400	19,725	19,700	25	
ISLAND OF KAUAI		34,177	18,040	16,137	31,299	10,026	21,273	42,741	26,033	16,708	35,509	19,790	15,719	44,824	28,921	15,903	71,184	44,667	25,917	
FHWA TOTAL		388,736	192,413	196,323	367,366	163,888	203,478	318,539	164,729	153,810	401,098	166,794	234,304	388,901	247,459	141,442	415,070	237,471	176,999	

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PROJECT	PHASE	FFY2015 (Oct 1, '14 - Sep 30, '16)	FFY2016 (Oct 1, '15 - Sep 30, '16)	FFY2017 (Oct 1, '16 - Sep 30, '17)	FFY2018 (Oct 1, '17 - Sep 30, '18)	FFY2019 (Oct 1, '18 - Sep 30, '19)	FFY2020 (Oct 1, '19 - Sep 30, '20)	FUND CATEGORY & REMARKS													
TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FUNDING CATEGORY SUMMARY - ENTIRE STIP																					
NHPP (National Highway Performance Program)			73,235			81,066			89,570			93,489			133,228			112,789			
BRIDGE OFF-SYSTEM			0			0			0			0			0			0			
STP ENHANCEMENT			2,300			8,459			800			12,619			10,810			22,720			
STP FLEXIBLE			77,690			65,490			65,568			56,031			99,780			97,471			
SECTION 1404 - (Safe Routes to School)			1,300			1,500			1,400			1,500			750			0			
HSIP (Highway Safety Improvement Program)			5,127			4,794			5,930			1,694			630			3,030			
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196			
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0			
FTA TRANSFER FUNDS			0			0			0			0			0			0			
EQUITY BONUS			0			0			0			0			0			0			
EARMARK - HIGH PRIORITY			0			1,118			0			0			800			0			
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0			
EARMARK - SECTION 112			0			0			0			0			0			0			
EARMARK - SECTION 115			0			0			0			0			0			0			
EARMARK - SECTION 117			0			0			0			0			0			0			
FLHD (Federal Lands Highway Discretionary)			265			265			265			265			265			265			
NRCS (National Resources Conservation Service)			0			0			0			0			0			0			
TIGER			27,000			0			0			0			0			0			
HIGHWAYS FOR LIFE			0			0			0			0			0			0			
IMD (NHPP Discretionary)			4,300			0			0			0			0			0			
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0			
SUBTOTAL			192,413			163,888			164,729			166,794			247,459			237,471			
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(31,565)			(1,383)			(265)			(265)			(1,065)			(265)			
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0			
TOTAL			160,848			162,505			164,464			166,529			246,394			237,206			